

University of Groningen

Harnessing phages for supramolecular and materials chemistry

Marcozzi, Alessio

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2016

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Marcozzi, A. (2016). *Harnessing phages for supramolecular and materials chemistry*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen.

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Harnessing phages for supramolecular and materials chemistry

Propositions

1. Small changes lead to big consequences.
2. In reality, a single stranded circular DNA doesn't look like the figures in the books.
3. A good antibiotic should be effective, potent, selectively toxic to the target organism, and, at the same time, being safe for the patient. That's why it is so hard to find a new one.
4. The specificity of a binder is inversely proportional to the number of controls you use.
5. Phage display is often compared to "the needle in the haystack" problem, but it is much more complex than that, it is "the hay in the haystack" problem.
6. Viral capsids are sublime building blocks for material science, yet poorly exploited.
7. Without the proper selection pressure, the wild-type phage will dominate.
8. Pasta doesn't go with chicken!